G-CAN 2020 Sixth Annual Research Symposium
DRAFT AGENDA for “Virtual Meeting”

October 30, 2020: On-demand pre-recorded video/audio webcasts made available
November 4, 2020: 12:00 noon-16:30 in the afternoon USA Pacific Daylight Time: Live streaming session comprised of pre-recorded video/audio webcasts AND live responses by the speakers to moderator-selected comments and questions generated in the G-CAN chat room

CONFERENCE REGISTRATION: (TBD)

October 30 – November 13: On Demand Webcasts Available Online

60 minutes  I. Gout and Hyperuricemia Clinical and Basic Research: The Year in Review
Three 20-minute webcasts (to remain on the G-CAN website indefinitely)
  • The Year in Review: Gout Pathophysiology – Nicola Dalbeth, New Zealand
  • The Year in Review: Urate Biology and Comorbidities – David Mount, USA
  • The Year in Review: Gout Clinical Research – Catherine Hill, Australia

~100 minutes  II. G-CAN Early Career Investigator Virtual Poster Session
Approximately 20 five-minute presentations of digitally posted material available November 2-16

100 minutes  III. CPP and BCP Crystal-Associated Arthritis Mini Symposium
10-minute “lightning talks” via webcast; questions on each talk to be submitted by chat room mechanism prior to the live session and answered by authors at the end of the live session
  • The Year in Review: CPP Crystal Deposition Disease – Abhishek Abhishek, UK
  • Should We Think Differently About the Pathogenesis of CPP Crystal Deposition Disease? – Ann Rosenthal, USA
  • OA, Calcium Crystal Deposition and Pain – Tuhina Neogi, Boston
  • CPPD Classification Criteria Update – Sara Tedeschi, Boston
  • CPPD Advanced Imaging – Georgios Filippou, Italy
  • CPPD and Outcome of Knee OA – Pascal Richette, Paris
  • BCP Crystal Effects on Inflammatory Cells – Geraldine McCarthy, Dublin
  • BCP Crystals, Wnt Signaling and Chondrocyte Differentiation in OA – Jessica Bertrand, Magdeburg
  • BCP, Chondrocytes and the Circadian Clock – Raewyn Poulson, Auckland
  • Hydrogen Sulfide and Basic Calcium Phosphate Deposition in Arthritis – Nathalie Busso, Lausanne

110 minutes  IV. Advances in Urate and Gout Basic Translational Biology Mini Symposium
10-minute “lightning talks” via webcast; questions on each talk to be submitted by chat room mechanism prior to the live session and answered by authors at the end of the live session
Moderators: Tania Crisan and Alex So
  • Urate, XDH, and Vascular Oxidative Stress – Eric Kelley, West Virginia University
  • The Effect of SLC2A9 and SLC22A12 Polymorphisms in Urate Homeostasis – Cho Sungkweon, NIH/NCI
  • Gene and Environment Interactions in Gout and Urate – Tanya Major, New Zealand
  • The Big Gout GWAS – Tony Merriman, USA
  • Epigenomics of Gouty Inflammation – Leo Joosten, Nijmegen
  • Immunometabolism Targets for Inflammatory Arthritis in Gout – Ru Liu-Bryan, La Jolla.
  • Circulating and Ex Vivo Cytokine Profiles in Patients with Gout and Hyperuricemia— Tanja Crisan-Cluj-Napoca, Romania
  • Common Statistical Myths in Basic Translational Biology – Yuqing Zhang, Boston
  • Complement Activation by Urate Crystals – Konstantin Neumann, Hanover, Germany
  • Molecular Phenotyping of Synovial Fluid Leukocytes from Gout Patients – Richard Reynolds, UAB
November 4 Live Virtual Session
12 p.m. – 4:40 p.m. Pacific Daylight Time US

12:00–12:10 **Welcome and Introduction to G-CAN, Recognition of Industry Sponsors**
G-CAN Co-Directors: Robert Terkeltaub (President) and Hyon Choi (VP and Treasurer)

12:10- 2:20 **Gout Clinical Minisymposium**
Lightning Talks of 10 minutes each, with two 10-minute question periods
**Moderators: Sarah Stewart and Hyon Choi**
12:10-12:20 Real World Data for Gout Risk Related to SGLT2 inhibitors – Seoyoung Kim, Boston
12:20-12:30 Gout Management in Primary Care Practice – Stephen Juraschek
12:30-12:40 The 2020 ACR Gout Guidelines – John FitzGerald
12:40-12:50 G-CAN Gout Management in CKD Project Final Report – Angelo Gaffo

12:50-1:00 Question Period

1:00-1:10 Urate Deposits in Coronary Arteries – Andrea Klauser,
1:10-1:20 Implications of PERL and CV-Renal Trials in Hyperuricemia and Gout Care – John Forman/Hyon Choi
1:20-1:30 Optimization of Gout Flare Reporting – Nicola Dalbeth, New Zealand
1:30-1:40 Update on G-CAN Common Language Description – Rachel Murdoch,
1:40- 1:50 Social Media in Crystal Arthritis – Phil Robinson, Australia
2:00- 2:10 FAST Trial Update – Philip Riches, Scotland

2:10-2:20 Question Period

2:20 – 4:15 **G-CAN Award and Early Career Investigator Lectures**
**Moderators: Tony Merriman**

2:20-2:35 **G-CAN Presidential Early Career Investigator Award Lecture**
Target genes, Tissues, and Transcriptional Pathways of Serum Urate Levels – Adrienne Tin

2:35-2:40 5-minute question period

2:40-2:55 **G-CAN Gold Medal Investigator Award Lecture**
The Genomic Landscape of Hyperuricemia and Gout – Anna Köttgen

2:55-3:00 5-minute question period

3:00-3:15 **G-CAN 2019 Ralph H. Schumacher Memorial Young Investigator Lecture**
*Brief Introduction by Dr. Tuhina Neogi*

3:15-4:15 **G-CAN Young Investigator Symposium Session**
Five Oral Presentations 10 minutes each, with 2 minutes for questions
**Moderators: Frédéric Liote and Tuhina Neogi**

4:15- 4:35 Questions on selected webcast talks from the G-CAN chat room for this year’s virtual meeting will be selected by session moderators and discussed live

4:15-4:40 **Concluding Comments**
Robert Terkeltaub and Hyon Choi

4:40 Meeting adjourns
Thank you to G-CAN's 2019 industry supporters

Roundtable Sponsor and Sponsor of Young Investigator Session

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Gout, Hyperuricemia and Crystal-Associated Disease Network, www.g-can.org